and, if this box (□) contains an ×

and, if this box (□) contains an ×

## US

## **DECLARATION AND POWER OF ATTORNEY FOR UNITED STATES PATENT APPLICATION** Substitute Supplemental As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if more than one name is listed below) of the subject matter which is claimed and for which a United States patent is sought on the invention entitled PIPERIDINIUM AND PYRROLIDINIUM DERIVATIVES AS LIGANDS FOR THE MUSCARINIC M3 **RECEPTOR** the specification of which: is attached hereto. was filed on as Application No. (day/month/year) and, if this box (□) contains an × was amended on (day/month/year) $\boxtimes$ was filed as Patent Cooperation Treaty international Application No. PCT/EP2004/006795 on 23/06/2004 (day/month/year)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) specifically referred to above and, if this application was filed as a Patent Cooperation Treaty international application, by any amendments made during the international stage (including any made under Patent Cooperation Treaty Rule 91, Article 19 and Article 34).

was amended, subsequent to entry into the national stage, on

entered the national stage in the United States and was accorded Application No.

I acknowledge my duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including, for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or Patent Cooperation Treaty international filing date of the continuation-in-part application.

I hereby claim the benefit under 35 U.S.C. 119(a)-(d) or (f) or 365(b) of any foreign application(s) for patent, inventor's certificate or plant breeder's right certificate listed below and under 35 U.S.C. 365(a) of any Patent Cooperation Treaty international application(s) designating at least one country other than the United States listed below and have also listed below any foreign application(s) for patent, inventor's certificate or plant breeder's right certificate and Patent Cooperation Treaty international application(s) designating at least one country other than the United States for the same subject matter and having a filing date before that of the application the priority of which is claimed for that subject

(day/month/year)

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US	Case	4 -33239A/HO	8

matter:

COUNTRY/REGION (OR P.C.T.)	APPLICATION No.	FILING DATE (day/month/year)	PRIORITY (	CLAIMED
Great Britain Great Britain	0314697.4 0327526.0	24/06/2003 26/11/2003	☐ Yes ☐ Yes ☐ Yes ☐ Yes ☐ Yes ☐ Yes	No No No No No No
I hereby claim the benefi below:	it under 35 U.S.C. 119(e) o	of any United States prov	visional applicatio	on(s) listed
APPLICATION NO.		FILING DATE (day/month/year)		

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s) listed below and under 35 U.S.C. 365(c) of any Patent Cooperation Treaty international application(s) designating the United States listed below:

United States	United States	Status (Pending,	International		
Application No.	Filing Date	Abandoned or U.S.	Application No.	and Filing Date	
	(day/month/year)	Patent No.)		(day/month/year)	

I hereby appoint all of the registered practitioners associated with Customer No. 001095, respectively and individually, as my attorneys and agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

If this box ( $\square$ ) contains an x  $\boxtimes$ , I hereby authorize the registered practitioners associated with Customer No. 001095 and any others acting on my behalf to take any action relating to this application based on communications from Corporate Intellectual Property of Novartis International AG, Basle, Switzerland, or an affiliate thereof or a successor thereto, without direct communication from me.

Please send all correspondence relating to this application to the address associated with Customer No. 001095.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of sole or first joint inventor Inventor's signature	Stephen Paul COLLINGWOOD	Date	
	Stephen Paul Columpios J	_	18 November 2005 (day/month/year)
Residence Citizenship	West Sussex RH12 5AB, GB citizen of Great Britain		
Post Office Address	Novartis Horsham Research Centre,		
	Wimblehurst Road, Horsham, West		
	Sussex RH12 5AB, Great Britain		
Full name of second joint inventor, if any	Urs BAETTIG	•	
Inventor's signature		Date	
	Urs Batteg	_	23 <i>November 2005</i> (day/month/year)
Residence	West Sussex RH12 5AB, GB		,
Citizenship	citizen of Switzerland		
Post Office Address	Novartis Horsham Research Centre,		
	Wimblehurst Road, Horsham, West Sussex RH12 5AB, Great Britain		

IMPORTANT: Before this declaration is signed, the patent application (the specification, the claims and this declaration) must be read and understood by each person signing it, and no changes may be made in the application after this declaration has been signed.

Full name of third joint inventor, if any Inventor's signature	Clive MCCARTHY	Date	
Residence Citizenship Post Office Address	4056 Basel, Switzerland citizen of Great Britain c/o Novartis AG Lichtstrasse 35 4056 Basel, Switzerland		(day/month/year)
Full name of fourth joint inventor, if any Inventor's signature		Date	
Residence Citizenship Post Office Address			(day/month/year)
Full name of fifth joint inventor, if any Inventor's signature		Date	
Residence Citizenship Post Office Address			(day/month/year)

## DECLARATION AND POWER OF ATTORNEY FOR UNITED STATES PATENT APPLICATION ☑ Original Supplemental Substitute As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if more than one name is listed below) of the subject matter which is claimed and for which a United States patent is sought on the invention entitled PIPERIDINIUM AND PYRROLIDINIUM DERIVATIVES AS LIGANDS FOR THE MUSCARINIC M3 **RECEPTOR** the specification of which: is attached hereto. was filed on as Application No. and, if this box (□) contains an × was amended on (day/month/year) $\boxtimes$ was filed as Patent Cooperation Treaty international Application No. PCT/EP2004/006795 (day/month/year) and, if this box (□) contains an × entered the national stage in the United States and was accorded Application No. and, if this box (□) contains an × was amended, subsequent to entry into the national stage, on (day/month/year)

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COUNTRY/REGION (OR P.C.T.)	APPLICATION No.	FILING DATE (day/month/year)	P	RIORITY	CLA	IMED
Great Britain	0314697.4	24/06/2003	X	Yes		No
Great Britain	0327526.0	26/11/2003	X	Yes		No
				Yes		No
				Yes		No
				Yes		No
I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below:						
APPLICATION NO.		FILING DATE (day/month/year)				

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Full name of sole or first joint inventor	Stephen Paul COLLINGWOOD		
Inventor's signature		Date _	(day/month/year)
Residence	West Sussex RH12 5AB, GB		
Citizenship	citizen of Great Britain		
Post Office Address	Novartis Horsham Research Centre, Wimblehurst Road, Horsham, West Sussex RH12 5AB, Great Britain		
Full name of second joint inventor, if any	Urs BAETTIG		
Inventor's signature		Date _	(day/month/year)
Residence	West Sussex RH12 5AB, GB		
Citizenship	citizen of Switzerland		
Post Office Address	Novartis Horsham Research Centre, Wimblehurst Road, Horsham, West Sussex RH12 5AB, Great Britain		

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Full name of third joint inventor, if any	Clive MCCARTHY		
Inventor's signature	X Musi Mlist	Date / /4/1/200 (day/month/s	o T
Residence	4056 Basel, Switzerland		
Citizenship	citizen of Great Britain		
Post Office Address	c/o Novartis AG Lichtstrasse 35 4056 Basel, Switzerland		
Full name of fourth joint inventor, if any			
Inventor's signature		Date (day/month/	year)
Residence			
Citizenship			
Post Office Address			
Full name of fifth joint inventor, if any			
Inventor's signature		Date (day/month/	year)
Residence			
Citizenship			
Post Office Address			